

Title (en)
VASCULAR ACCESS DEVICE PATHOGENIC STATUS INDICATION

Title (de)
GEFÄSSZUGANGSVORRICHTUNG MIT PATHOGENER STATUSANZEIGE

Title (fr)
INDICATION D'ÉTAT PATHOGENE POUR DISPOSITIF D'ACCÈS VASCULAIRE

Publication
EP 2024721 A2 20090218 (EN)

Application
EP 07783464 A 20070508

Priority

- US 2007068493 W 20070508
- US 79851706 P 20060508
- US 82093306 P 20060731
- US 74536207 A 20070507

Abstract (en)
[origin: WO2007134068A2] A vascular access device for communicating with the vascular system of a patient may include a status indicator. The status indicator may detect and signal that a pathogen is in communication with the vascular access device.

IPC 8 full level
A61M 5/142 (2006.01); **A61M 5/168** (2006.01); **A61M 39/04** (2006.01); **A61M 39/16** (2006.01); **G01L 7/00** (2006.01)

CPC (source: EP US)
A61M 5/16836 (2013.01 - EP US); **A61M 39/0247** (2013.01 - EP US); **A61M 39/045** (2013.01 - EP US); **A61M 39/16** (2013.01 - EP US); **A61M 39/18** (2013.01 - EP US); **G09F 3/0291** (2013.01 - EP US); **A61M 5/16831** (2013.01 - EP US); **A61M 5/284** (2013.01 - EP US); **A61M 2005/1402** (2013.01 - EP US); **A61M 2005/3132** (2013.01 - EP US); **A61M 2039/0258** (2013.01 - EP US); **A61M 2039/0285** (2013.01 - EP US); **A61M 2205/273** (2013.01 - EP US); **A61M 2205/583** (2013.01 - EP US); **Y10T 436/2575** (2015.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2007134068 A2 20071122; WO 2007134068 A3 20081016; BR PI0711432 A2 20111116; BR PI0711432 B1 20180612; BR PI0711432 B8 20210622; CN 101479585 A 20090708; CN 101479585 B 20121107; EP 2024721 A2 20090218; EP 2024721 A4 20090902; EP 2024721 B1 20200715; EP 3627127 A1 20200325; EP 3627127 B1 20220223; ES 2820235 T3 20210420; ES 2913824 T3 20220606; JP 2009536564 A 20091015; JP 5537930 B2 20140702; US 2007287989 A1 20071213; US 8163237 B2 20120424

DOCDB simple family (application)
US 2007068493 W 20070508; BR PI0711432 A 20070508; CN 200780023811 A 20070508; EP 07783464 A 20070508; EP 19208257 A 20070508; ES 07783464 T 20070508; ES 19208257 T 20070508; JP 2009510151 A 20070508; US 74536207 A 20070507